

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 10/527,692  
Source: IFWP  
Date Processed by STIC: 10/10/2006

# ***ENTERED***



IFWP

## RAW SEQUENCE LISTING

DATE: 10/10/2006

PATENT APPLICATION: US/10/527,692

TIME: 14:20:09

Input Set : A:\2005-12-01 0020-5352PUS1.ST25.txt

Output Set: N:\CRF4\10102006\J527692.raw

```

3 <110> APPLICANT: Haruo Sugiyama
5 <120> TITLE OF INVENTION: CANCER ANTIGEN PEPTIDE FORMULATIONS
7 <130> FILE REFERENCE: 0020-5352PUS1
9 <140> CURRENT APPLICATION NUMBER: US 10/527,692
10 <141> CURRENT FILING DATE: 2005-03-11
12 <150> PRIOR APPLICATION NUMBER: PCT/JP2003/011675
13 <151> PRIOR FILING DATE: 2003-09-12
15 <160> NUMBER OF SEQ ID NOS: 3
18 <210> SEQ ID NO: 1
19 <211> LENGTH: 449
20 <212> TYPE: PRT
21 <213> ORGANISM: Homo sapiens
23 <400> SEQUENCE: 1
24 Met Gly Ser Asp Val Arg Asp Leu Asn Ala Leu Leu Pro Ala Val Pro
25   1               5               10               15
27 Ser Leu Gly Gly Gly Gly Gly Cys Ala Leu Pro Val Ser Gly Ala Ala
28               20               25               30
30 Gln Trp Ala Pro Val Leu Asp Phe Ala Pro Pro Gly Ala Ser Ala Tyr
31               35               40               45
33 Gly Ser Leu Gly Gly Pro Ala Pro Pro Pro Ala Pro Pro Pro Pro Pro
34   50               55               60
36 Pro Pro Pro Pro His Ser Phe Ile Lys Gln Glu Pro Ser Trp Gly Gly
37  65               70               75               80
39 Ala Glu Pro His Glu Glu Gln Cys Leu Ser Ala Phe Thr Val His Phe
40               85               90               95
42 Ser Gly Gln Phe Thr Gly Thr Ala Gly Ala Cys Arg Tyr Gly Pro Phe
43               100              105              110
45 Gly Pro Pro Pro Pro Ser Gln Ala Ser Ser Gly Gln Ala Arg Met Phe
46               115              120              125
48 Pro Asn Ala Pro Tyr Leu Pro Ser Cys Leu Glu Ser Gln Pro Ala Ile
49               130              135              140
51 Arg Asn Gln Gly Tyr Ser Thr Val Thr Phe Asp Gly Thr Pro Ser Tyr
52 145              150              155              160
54 Gly His Thr Pro Ser His His Ala Ala Gln Phe Pro Asn His Ser Phe
55               165              170              175
57 Lys His Glu Asp Pro Met Gly Gln Gln Gly Ser Leu Gly Glu Gln Gln
58               180              185              190
60 Tyr Ser Val Pro Pro Pro Val Tyr Gly Cys His Thr Pro Thr Asp Ser
61               195              200              205
63 Cys Thr Gly Ser Gln Ala Leu Leu Leu Arg Thr Pro Tyr Ser Ser Asp
64               210              215              220
66 Asn Leu Tyr Gln Met Thr Ser Gln Leu Glu Cys Met Thr Trp Asn Gln
67 225              230              235              240

```

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```

69 Met Asn Leu Gly Ala Thr Leu Lys Gly Val Ala Ala Gly Ser Ser Ser
70      245      250      255
72 Ser Val Lys Trp Thr Glu Gly Gln Ser Asn His Ser Thr Gly Tyr Glu
73      260      265      270
75 Ser Asp Asn His Thr Thr Pro Ile Leu Cys Gly Ala Gln Tyr Arg Ile
76      275      280      285
78 His Thr His Gly Val Phe Arg Gly Ile Gln Asp Val Arg Arg Val Pro
79      290      295      300
81 Gly Val Ala Pro Thr Leu Val Arg Ser Ala Ser Glu Thr Ser Glu Lys
82 305      310      315      320
84 Arg Pro Phe Met Cys Ala Tyr Pro Gly Cys Asn Lys Arg Tyr Phe Lys
85      325      330      335
87 Leu Ser His Leu Gln Met His Ser Arg Lys His Thr Gly Glu Lys Pro
88      340      345      350
90 Tyr Gln Cys Asp Phe Lys Asp Cys Glu Arg Arg Phe Ser Arg Ser Asp
91      355      360      365
93 Gln Leu Lys Arg His Gln Arg Arg His Thr Gly Val Lys Pro Phe Gln
94      370      375      380
96 Cys Lys Thr Cys Gln Arg Lys Phe Ser Arg Ser Asp His Leu Lys Thr
97 385      390      395      400
99 His Thr Arg Thr His Thr Gly Lys Thr Ser Glu Lys Pro Phe Ser Cys
100      405      410      415
102 Arg Trp Pro Ser Cys Gln Lys Lys Phe Ala Arg Ser Asp Glu Leu Val
103      420      425      430
105 Arg His His Asn Met His Gln Arg Asn Met Thr Lys Leu Gln Leu Ala
106      435      440      445
108 Leu

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111 &lt;210&gt; SEQ ID NO: 2

112 &lt;211&gt; LENGTH: 9

113 &lt;212&gt; TYPE: PRT

114 &lt;213&gt; ORGANISM: Artificial Sequence

116 &lt;220&gt; FEATURE:

117 &lt;223&gt; OTHER INFORMATION: Synthetic peptide derived from positions 235 to 243 of human

WT1

119 &lt;400&gt; SEQUENCE: 2

120 Cys Met Thr Trp Asn Gln Met Asn Leu

121 1 5

124 &lt;210&gt; SEQ ID NO: 3

125 &lt;211&gt; LENGTH: 9

126 &lt;212&gt; TYPE: PRT

127 &lt;213&gt; ORGANISM: Artificial Sequence

129 &lt;220&gt; FEATURE:

130 <223> OTHER INFORMATION: Synthetic peptide of human WT1 wherein Met at position 236  
in the

131 spanning region of positions 235 to 243 is altered into Tyr

133 &lt;400&gt; SEQUENCE: 3

134 Cys Tyr Thr Trp Asn Gln Met Asn Leu

135 1 5

**VERIFICATION SUMMARY**

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